

FIG.1

2/25

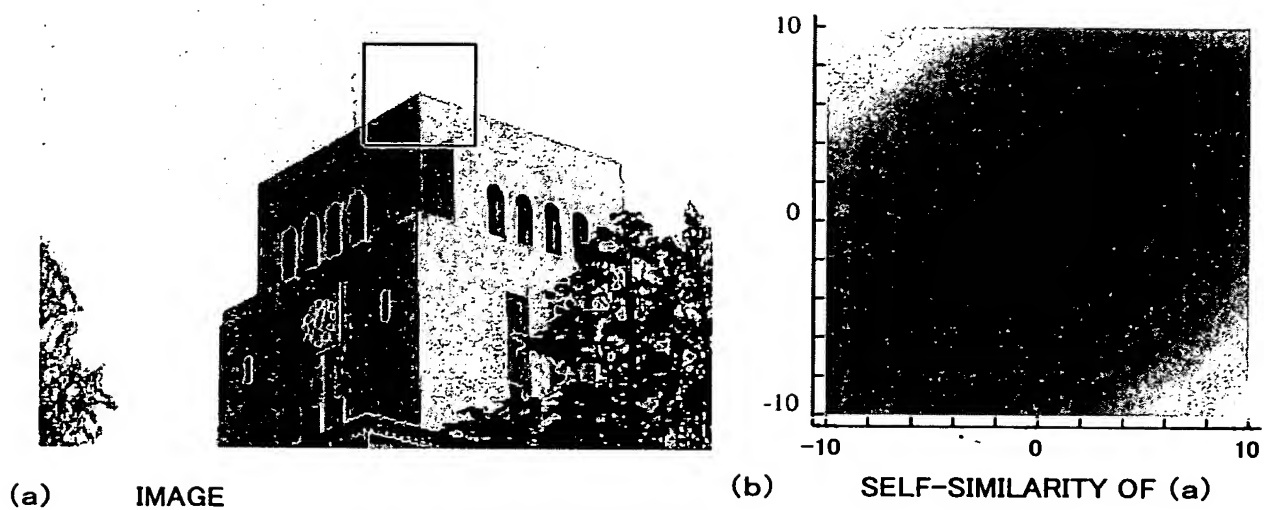


FIG.2

3/25

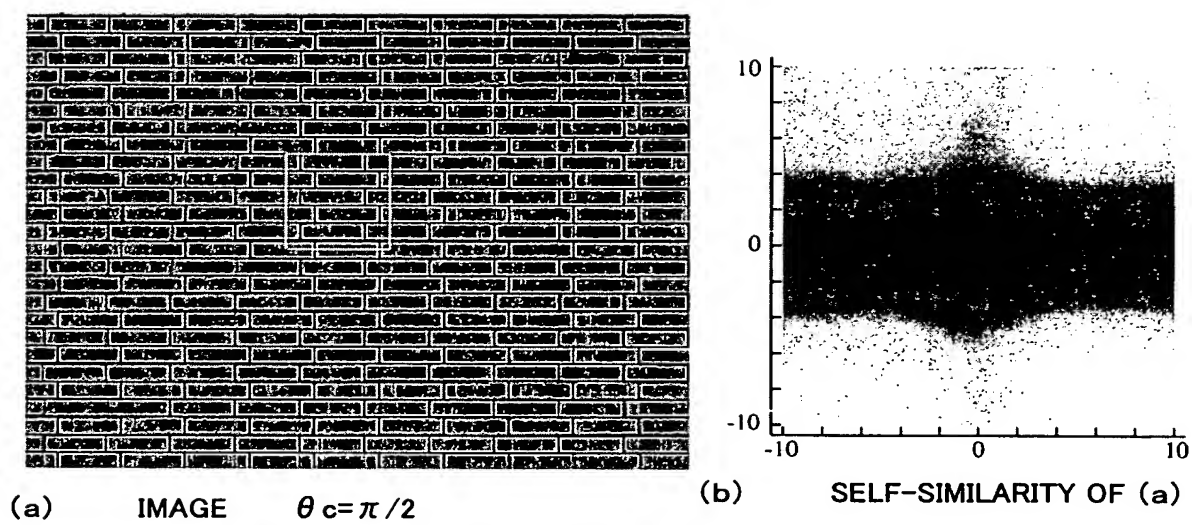
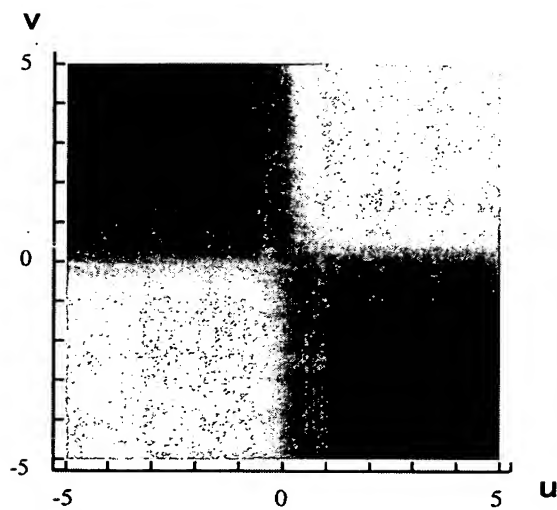
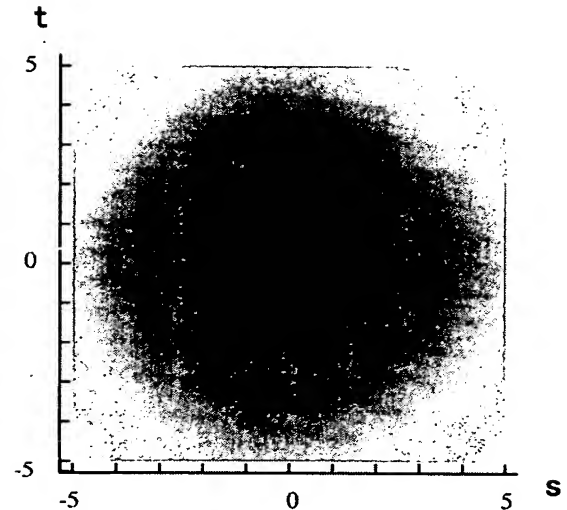


FIG.3

4/25



(a) TWO-DIMENSIONAL  
IMAGE DENSITY



(b) TWO-DIMENSIONAL  
SIMILARITY

FIG.4

5/25

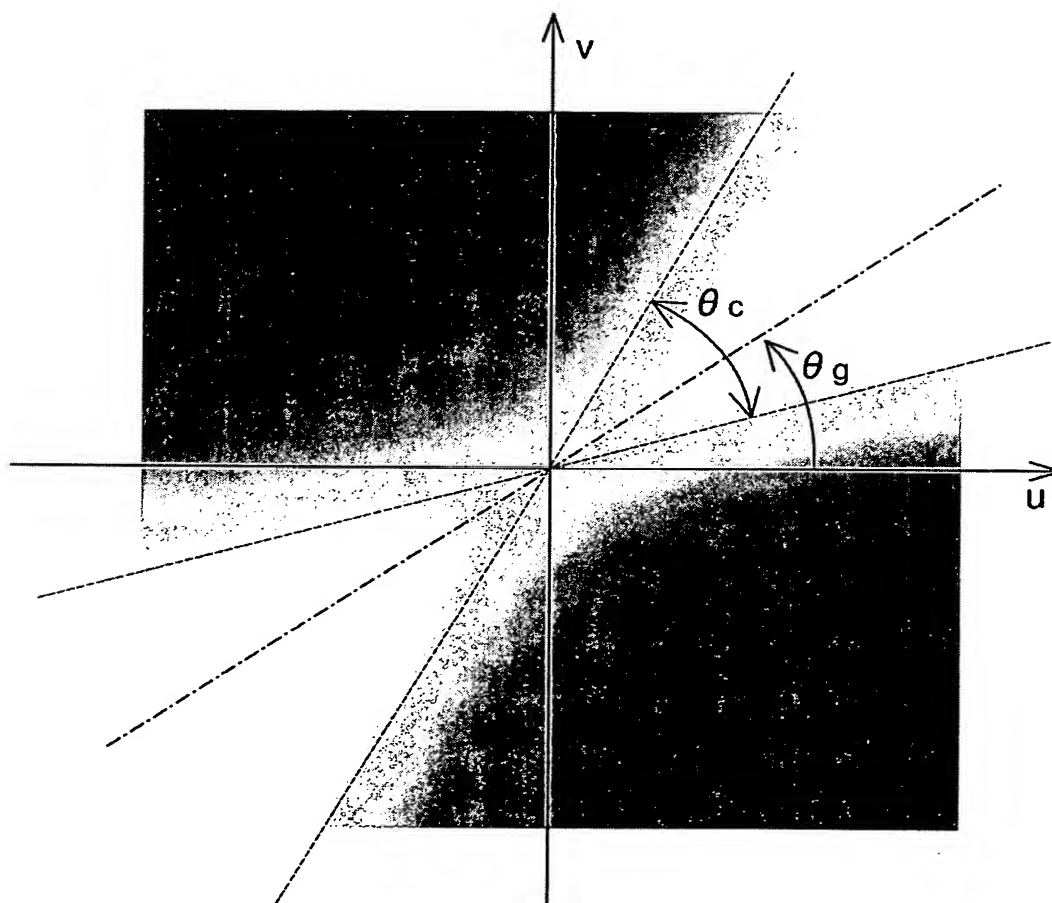


FIG.5

6/25

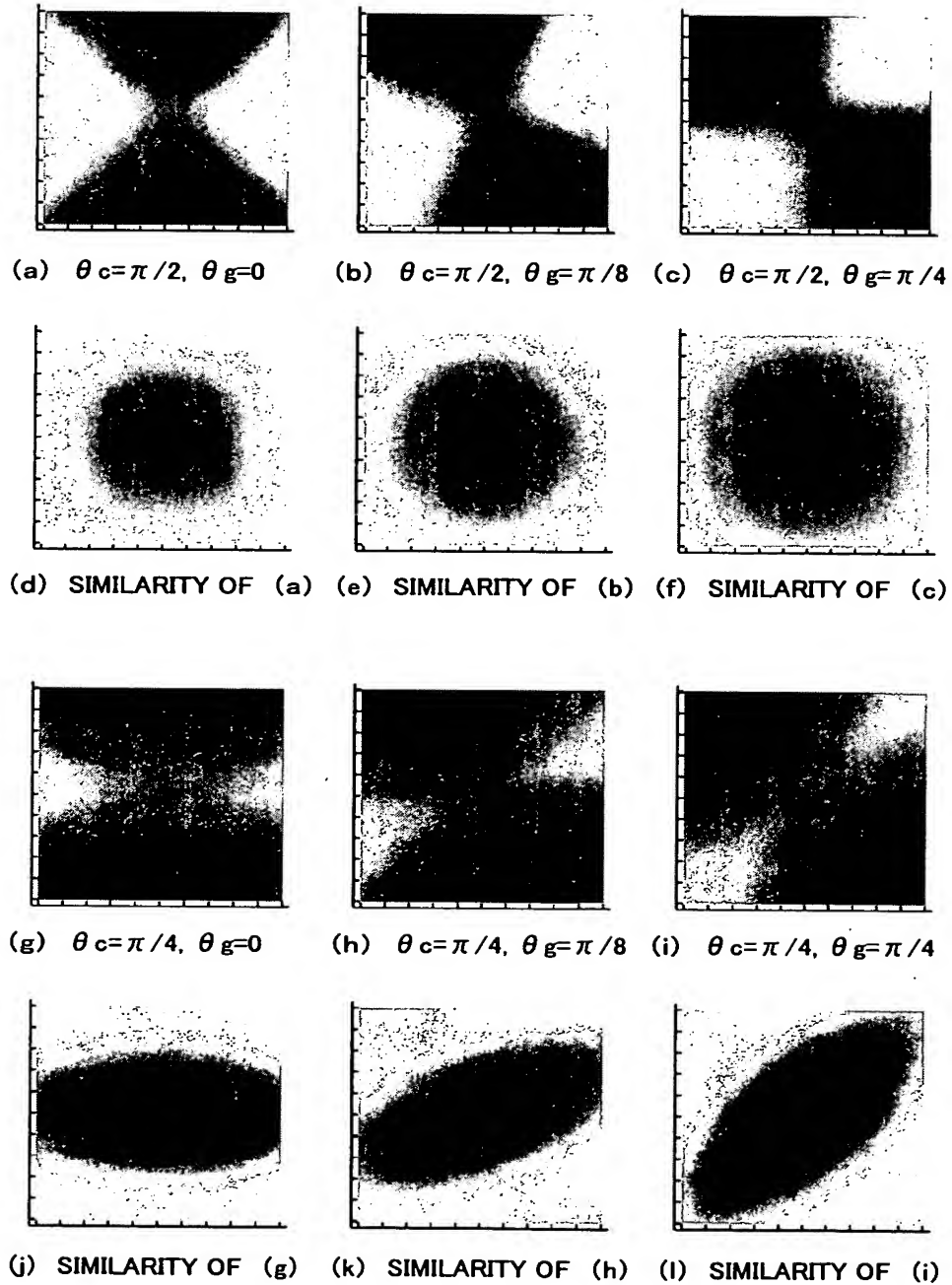


FIG.6

7/25

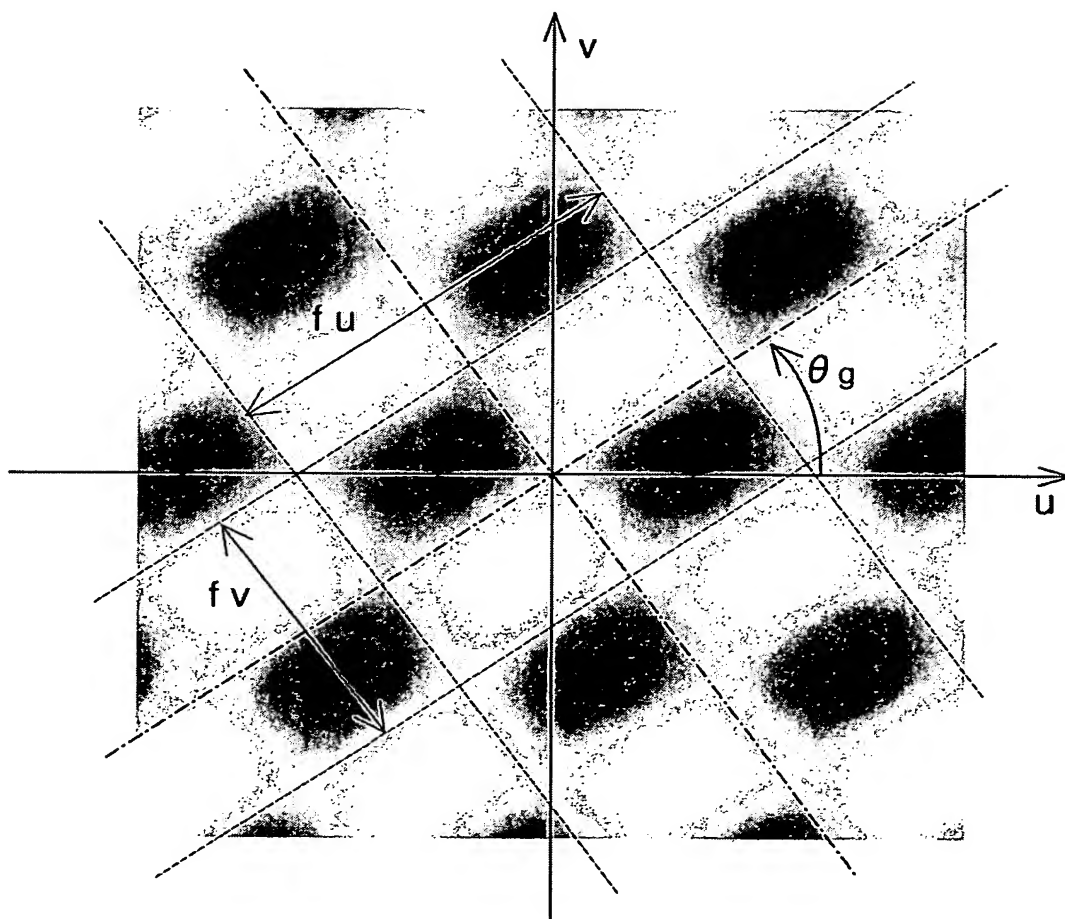
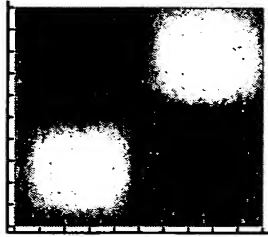
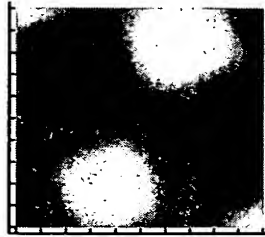
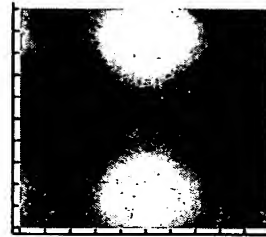
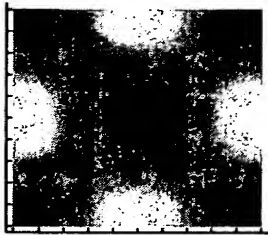
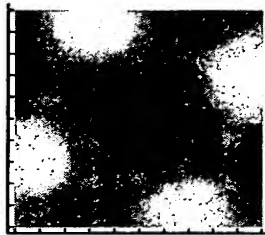


FIG.7

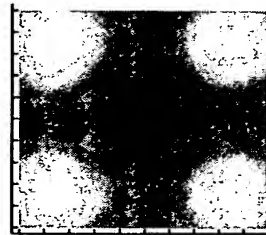
8/25

(a)  $f_u=0.1, f_v=0.1, \theta_g=0$ (b)  $f_u=0.1, f_v=0.1, \theta_g=\pi/8$ (c)  $f_u=0.1, f_v=0.1, \theta_g=\pi/4$ 

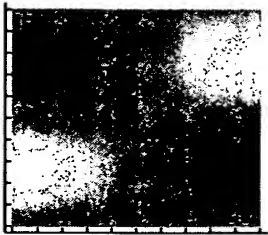
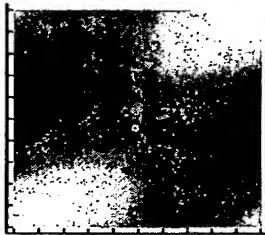
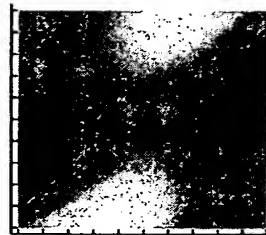
(d) SIMILARITY OF (a)



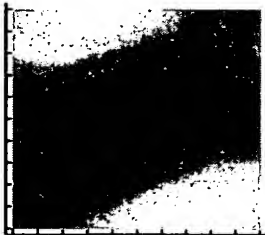
(e) SIMILARITY OF (b)



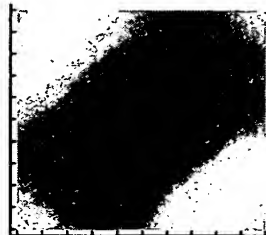
(f) SIMILARITY OF (c)

(g)  $f_u=0.05, f_v=0.1, \theta_g=0$ (h)  $f_u=0.05, f_v=0.1, \theta_g=\pi/8$ (i)  $f_u=0.05, f_v=0.1, \theta_g=\pi/4$ 

(j) SIMILARITY OF (g)



(k) SIMILARITY OF (h)



(l) SIMILARITY OF (i)

FIG.8



9/25

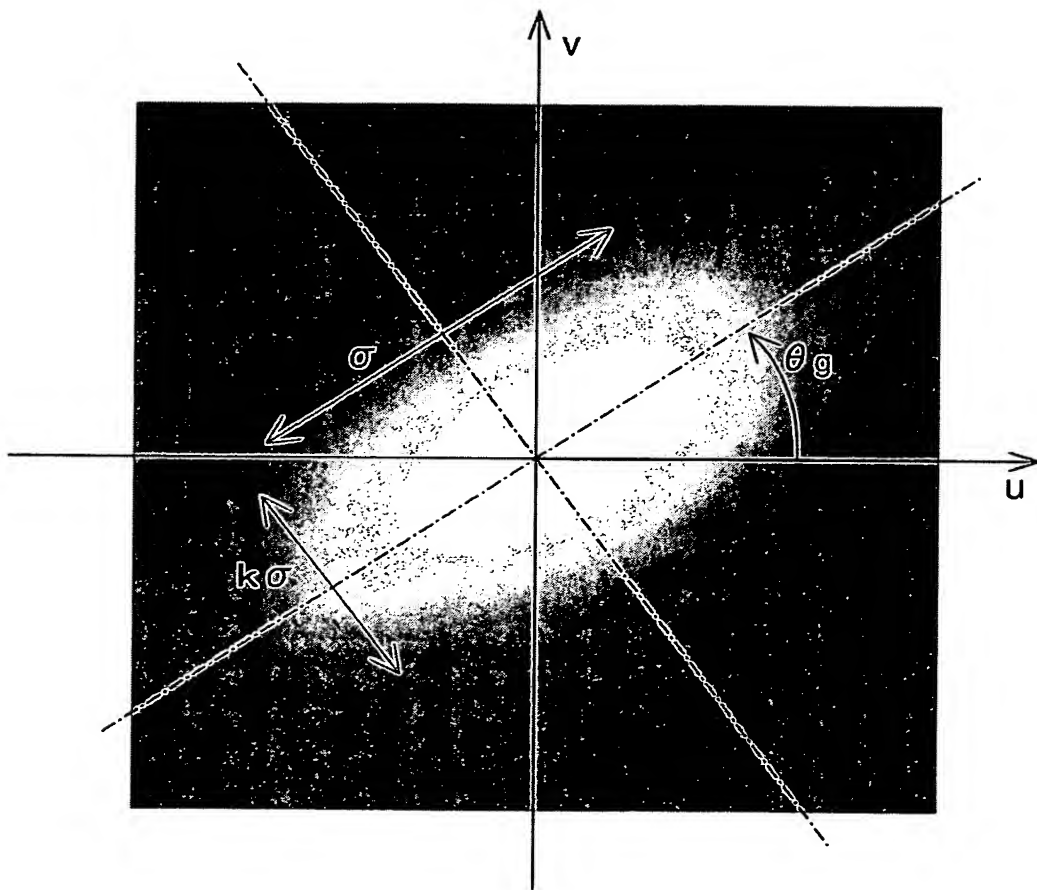


FIG.9

10/25

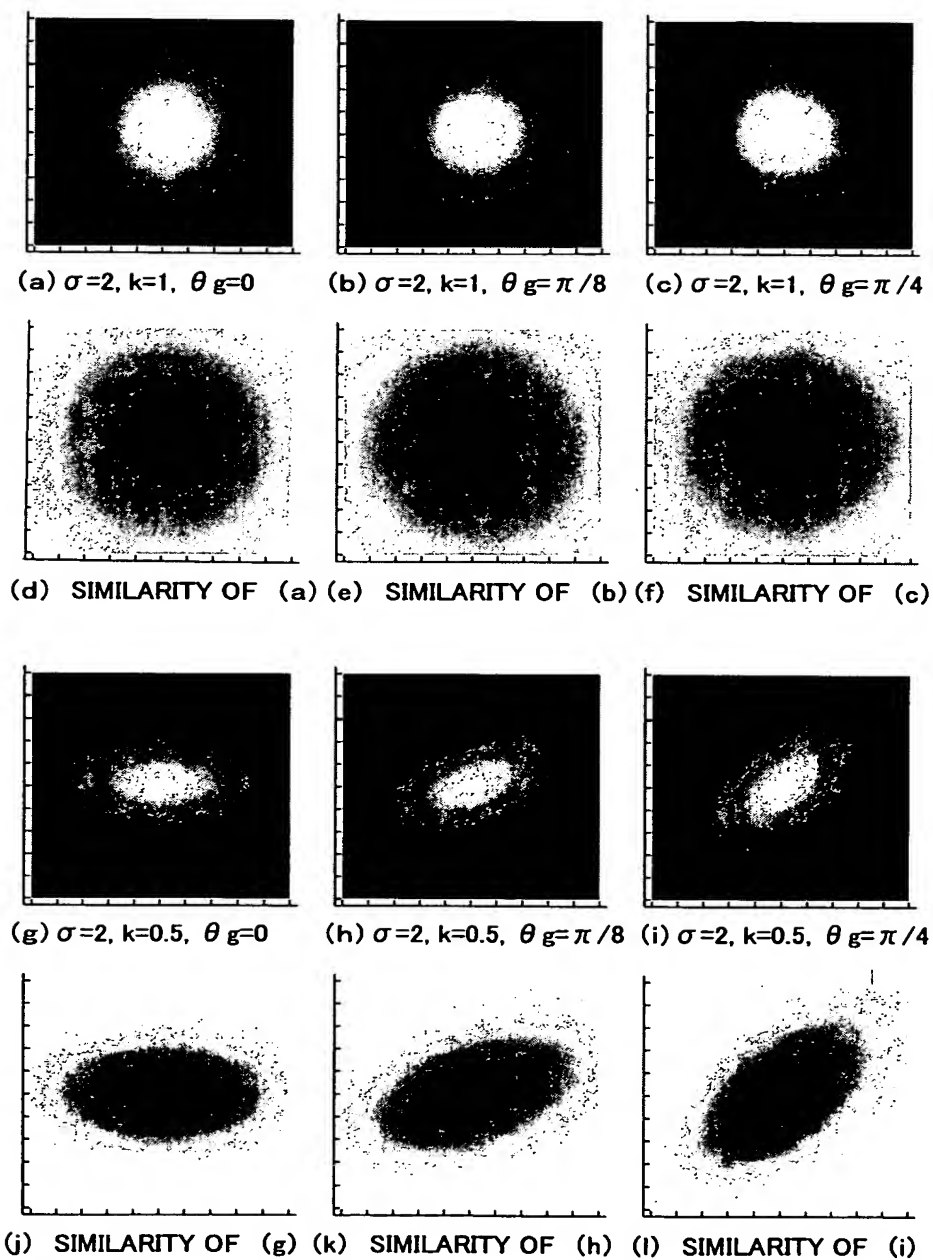
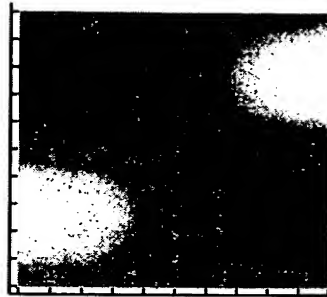
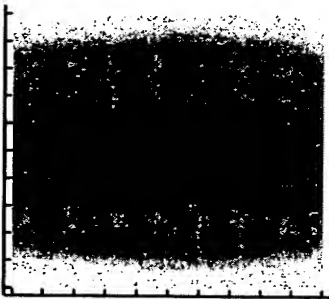
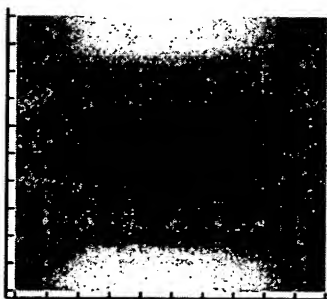


FIG.10

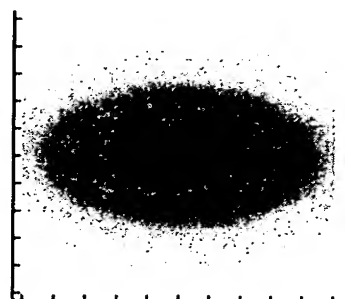
11/25

(a)  $\sigma=1, \theta_g=0, \theta_c=\pi/4$ (b)  $f_u=0.05, f_v=0.1, \theta_g=0$ (c)  $\sigma=2, k=0.5, \theta_g=0$ 

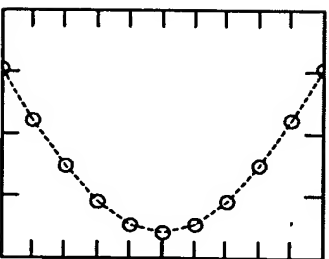
(d) SIMILARITY OF (a)



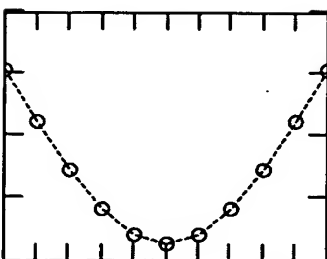
(e) SIMILARITY OF (b)



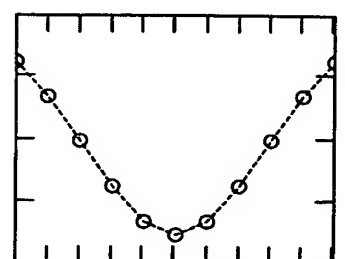
(f) SIMILARITY OF (c)



(g) PART OF (d)



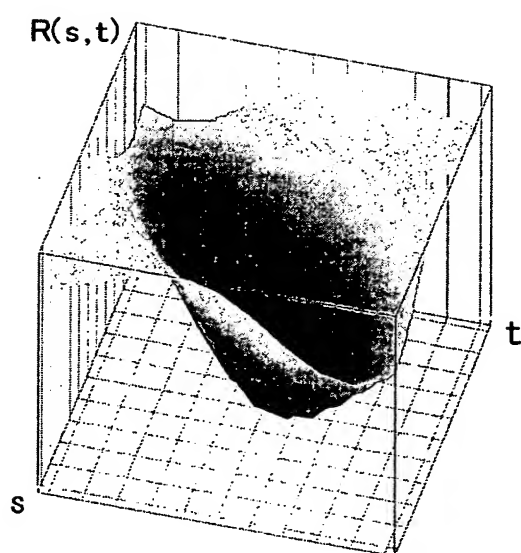
(h) PART OF (e)



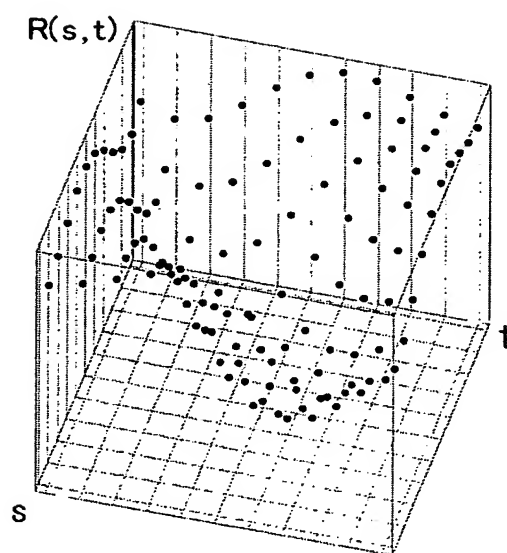
(i) PART OF (f)

FIG.11

12/25



(a) SIMILARITY IN CONTINUOUS AREA



(b) SIMILARITY IN DISCRETE AREA

FIG.12

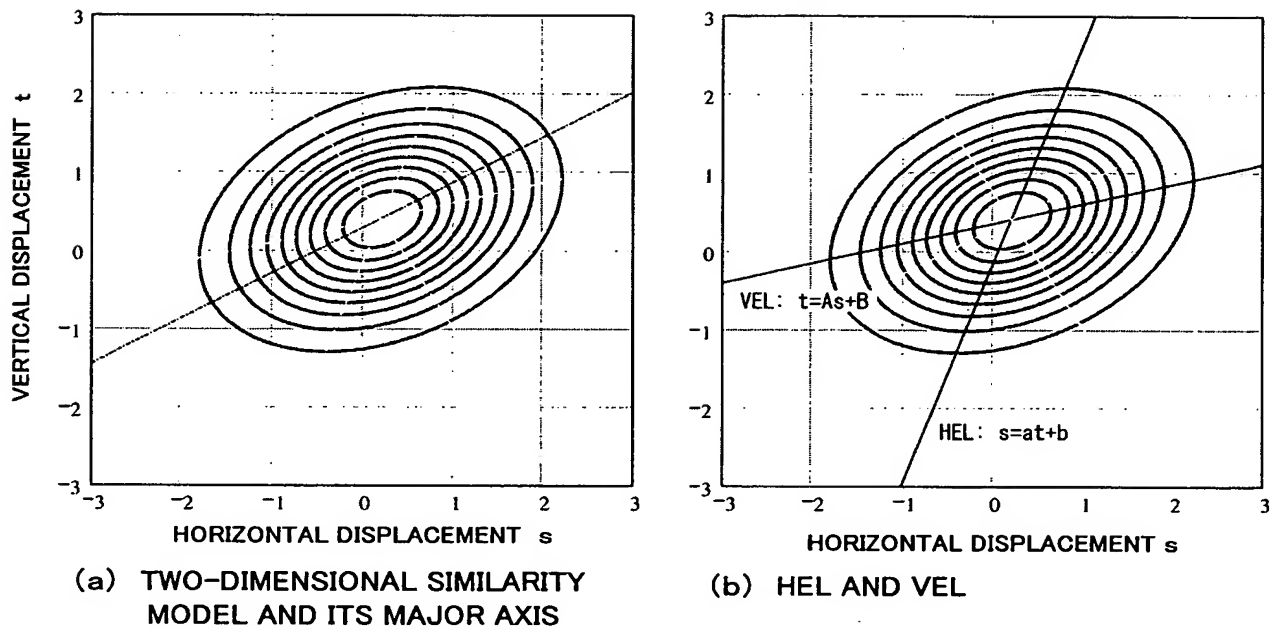


FIG.13

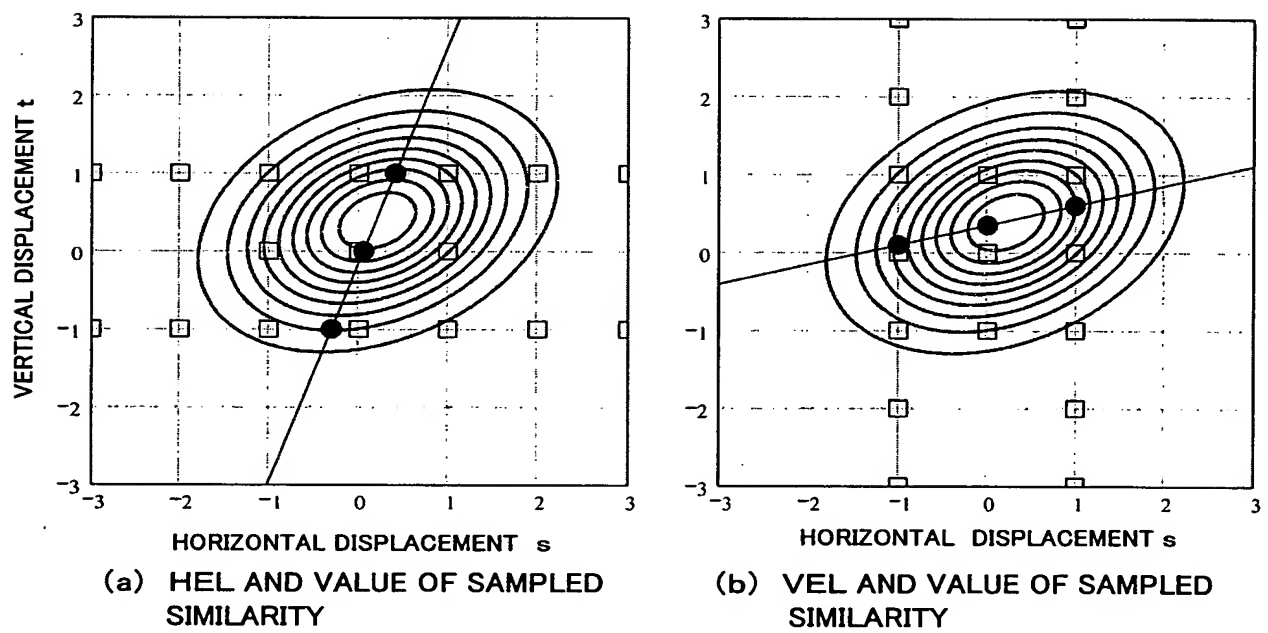


FIG.14

15/25

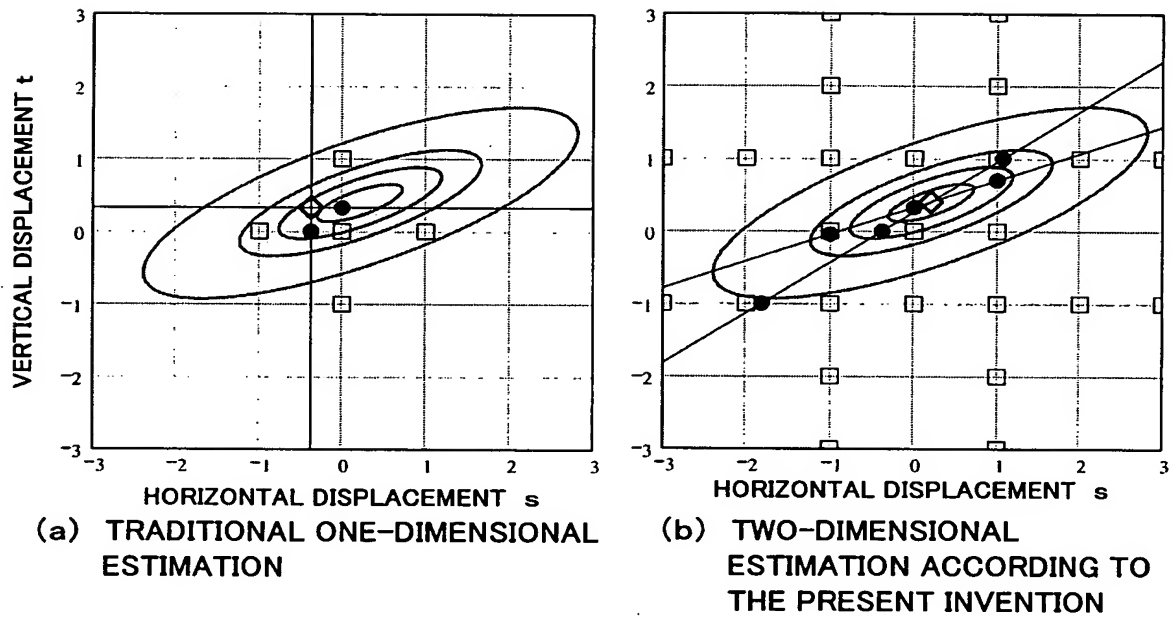


FIG.15

16/25

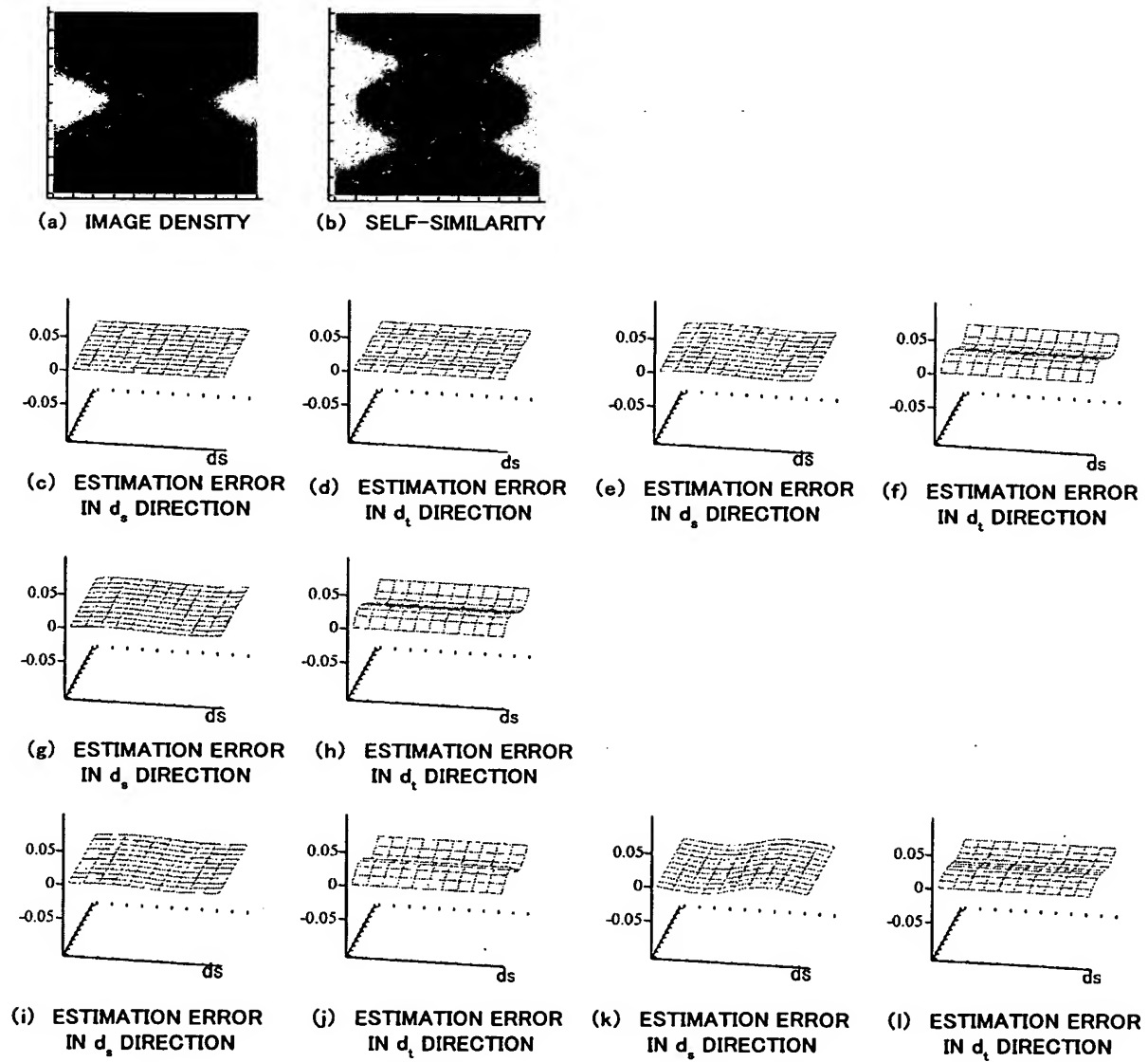
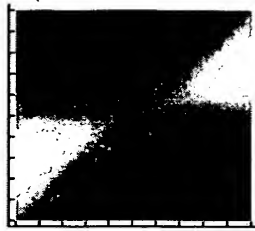
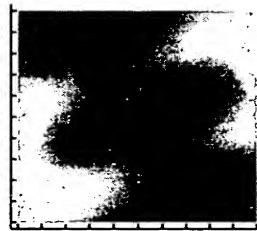


FIG.16





(a) IMAGE DENSITY



(b) SELF-SIMILARITY

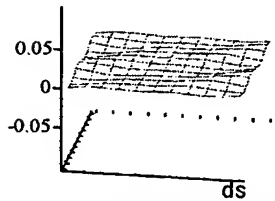
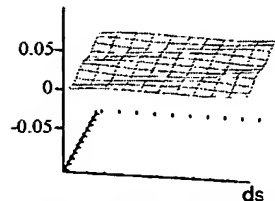
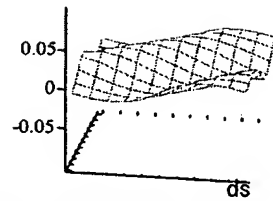
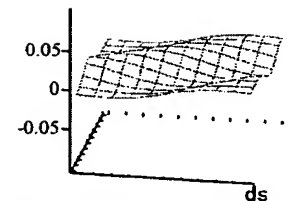
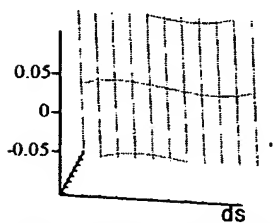
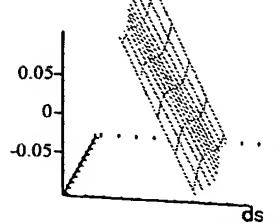
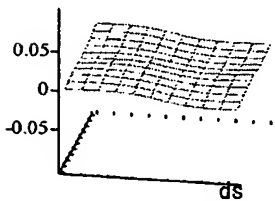
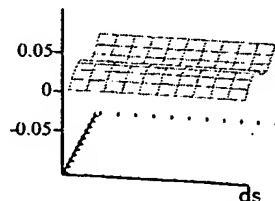
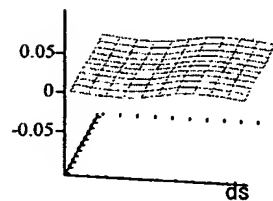
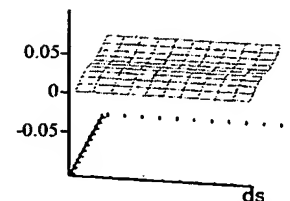
(c) ESTIMATION ERROR  
IN  $d_s$  DIRECTION(d) ESTIMATION ERROR  
IN  $d_t$  DIRECTION(e) ESTIMATION ERROR  
IN  $d_s$  DIRECTION(f) ESTIMATION ERROR  
IN  $d_t$  DIRECTION(g) ESTIMATION ERROR  
IN  $d_s$  DIRECTION(h) ESTIMATION ERROR  
IN  $d_t$  DIRECTION(i) ESTIMATION ERROR  
IN  $d_s$  DIRECTION(j) ESTIMATION ERROR  
IN  $d_t$  DIRECTION(k) ESTIMATION ERROR  
IN  $d_s$  DIRECTION(l) ESTIMATION ERROR  
IN  $d_t$  DIRECTION

FIG.17

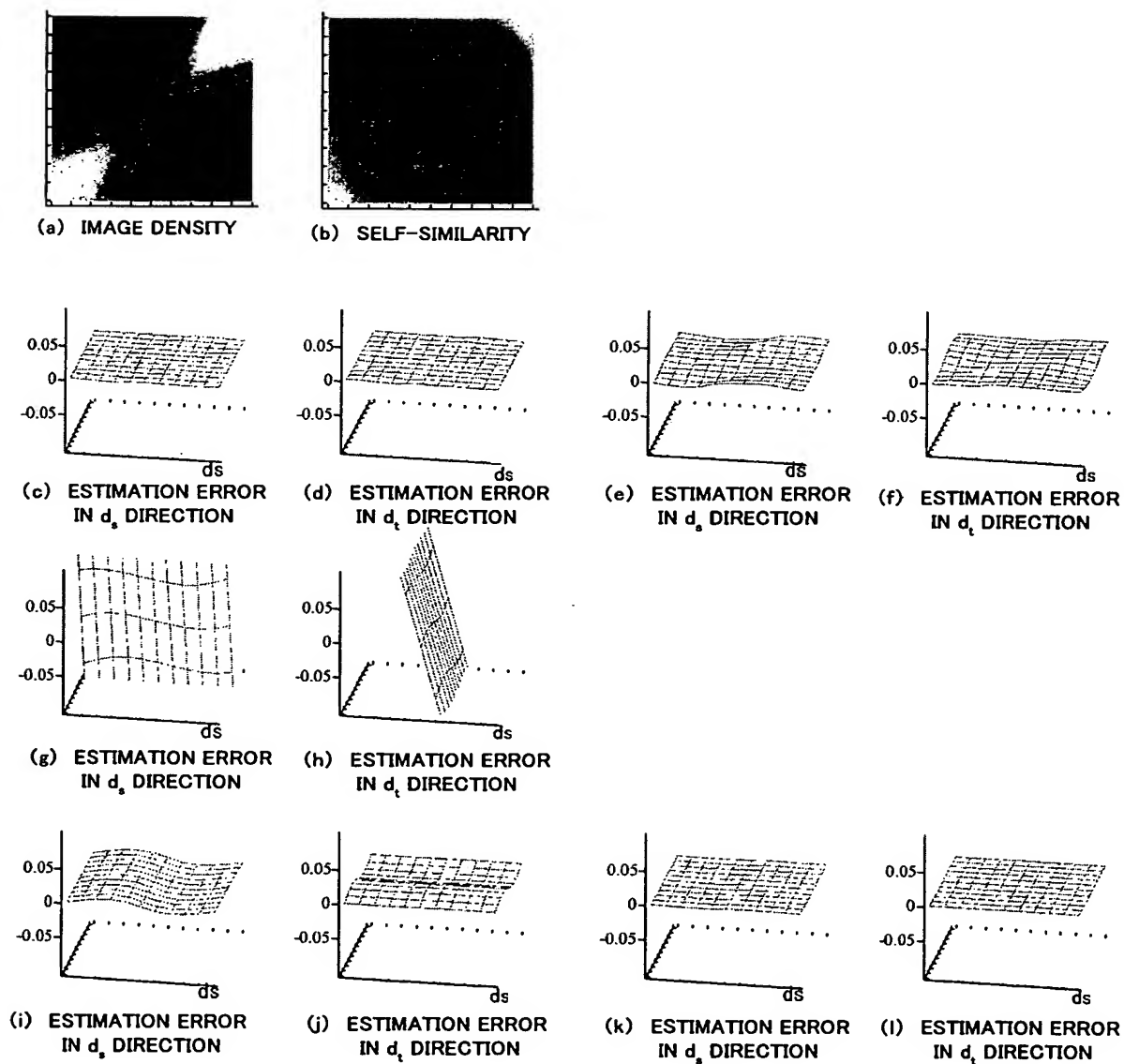
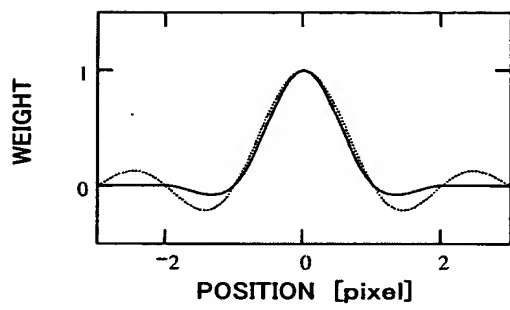
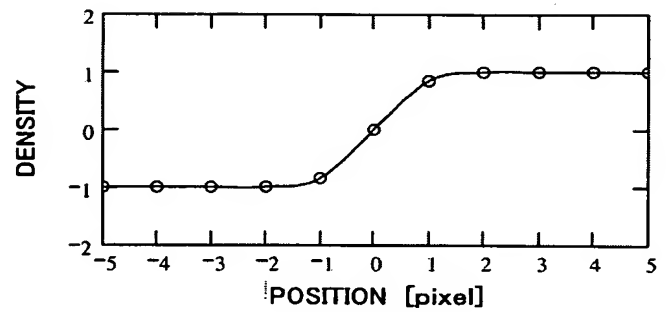
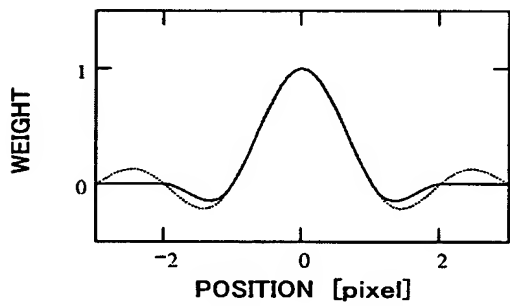
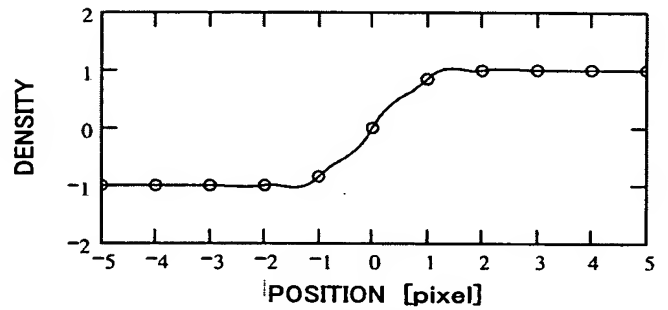


FIG.18

19/25

(a) WEIGHTING FUNCTION ( $a=-0.55$ )

(b) INTERPOLATION RESULT

(c) WEIGHTING FUNCTION ( $a=-1.0$ )

(d) INTERPOLATION RESULT

FIG.19

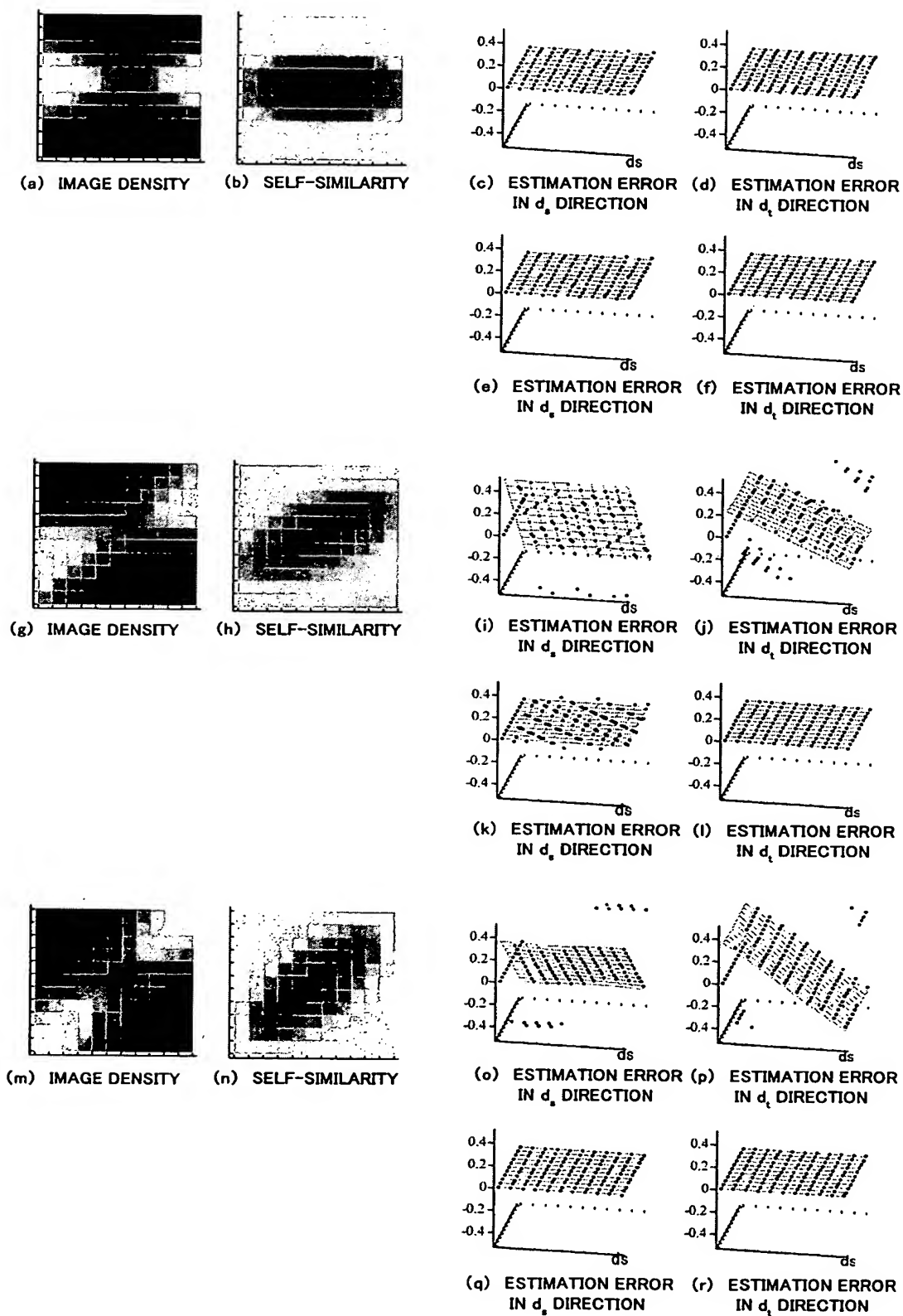


FIG.20

21/25

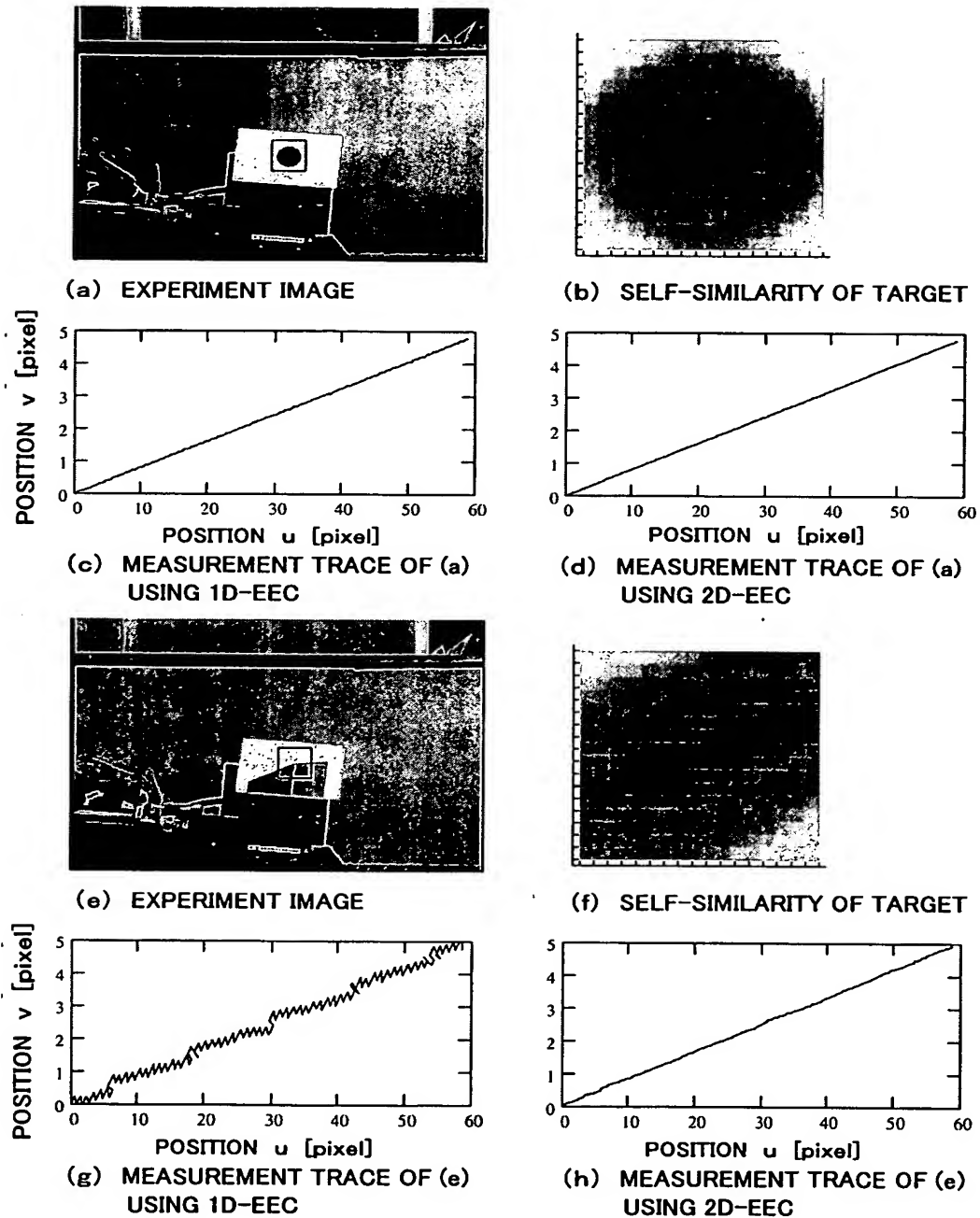


FIG.21

22/25

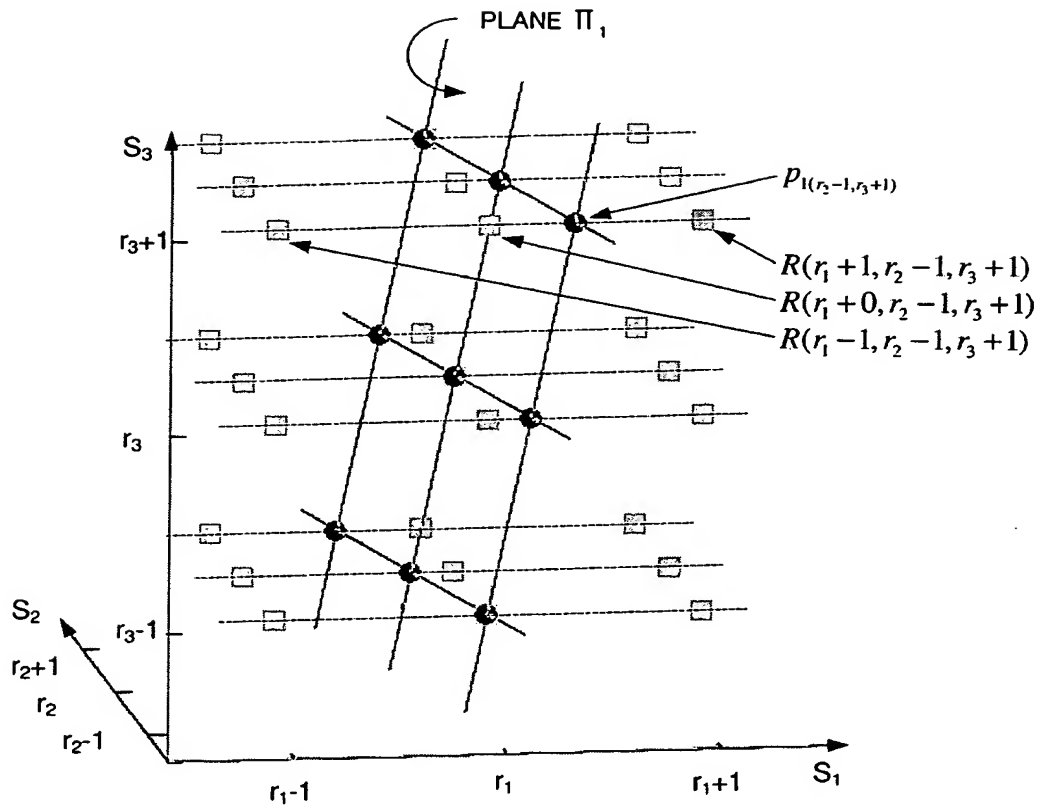


FIG.22

23/25

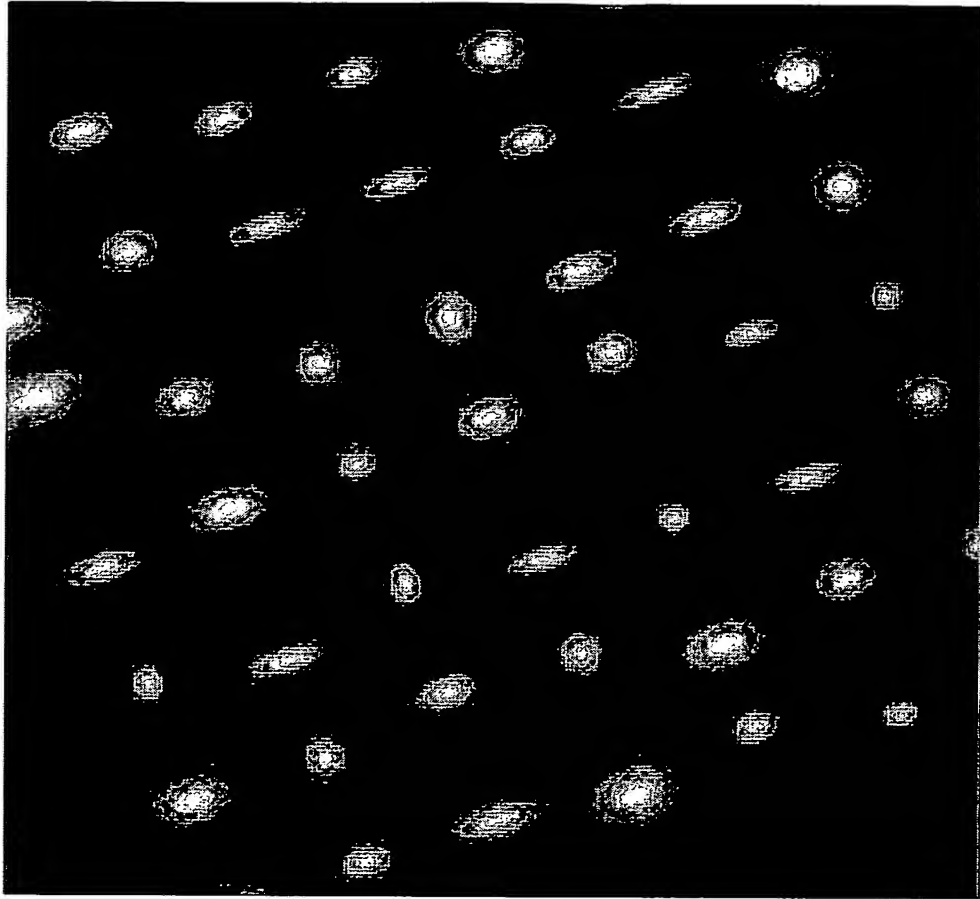


FIG.23

24/25

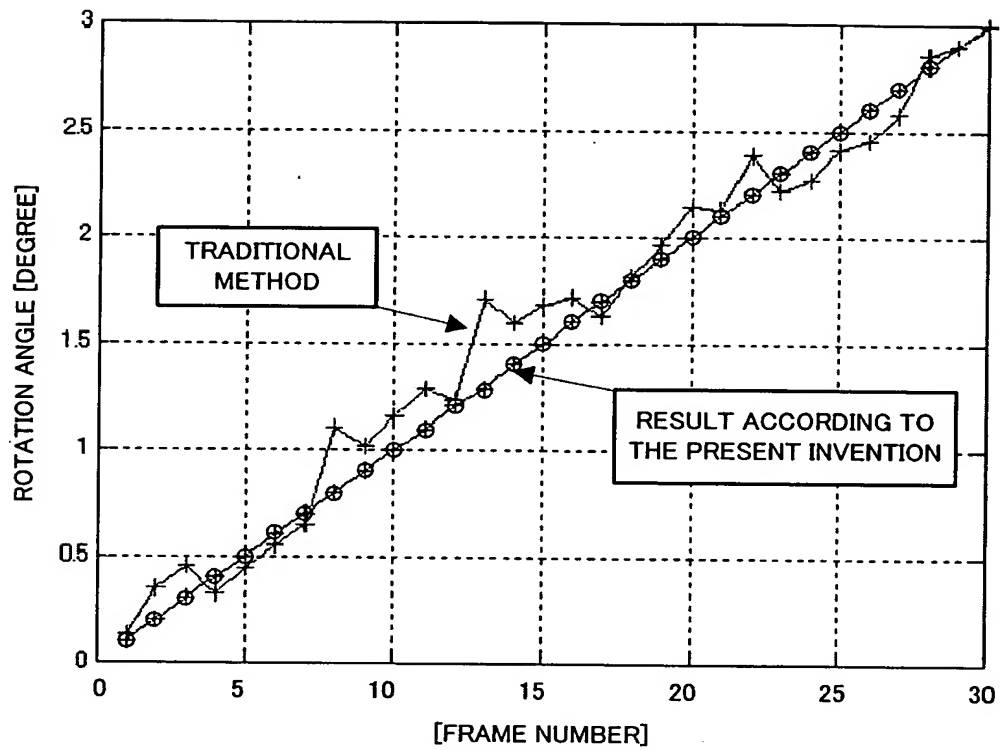


FIG.24



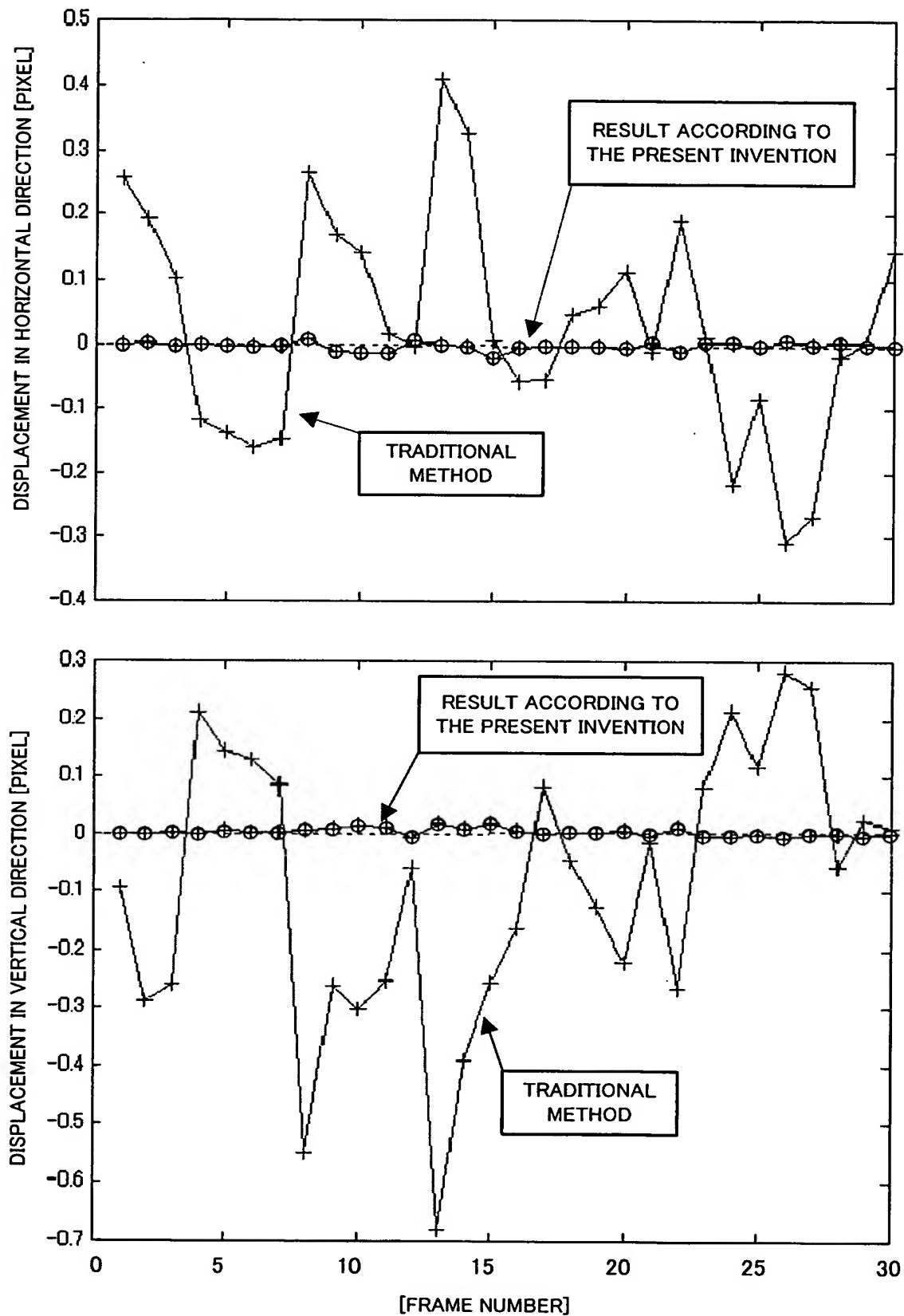


FIG.25